

## **VEHICULAR GUIDANCE SYSTEM HAVING COMPENSATION FOR VARIATIONS IN GROUND ELEVATION**

### **Abstract of the Disclosure**

A system and method of guiding a vehicle comprises establishing elevation data and corresponding location data for a work area. A particular location of a vehicle within the work area is determined. Roll data and pitch data are estimated corresponding to the particular location. The vehicle is guided based upon the estimated roll data and the pitch data such that the vehicle follows a desired path.